

FORM PTO-1449 (M dified)

ATTY. DOCKET NO.
TH2189 (US)

APPLICATION NUMBER
10/602,989

LIST OF INFORMATION PROVIDED
BY APPLICANT

APPLICANT
R. E. Paggi et al.

FILING DATE
June 24, 2003

GROUP ART UNIT
1764

(Use s v rai sheets if necessary)

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>gmu</i>	AA	2,363,511	11/28/44	Farrington et al.	252	39	
<i>gmu</i>	AB	6,348,178	2/19/02	Sudduth et al.	423	235	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
<i>gmu</i>	AL	1,013,750 A2	12/21/99	Europe	C10M	141/10		
	AM							
	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>gmu</i>	AR	"Impact of Fuel and Oil Quantity on Deposits, Wear and Emissions From a Light Duty Diesel Engine With High EGR," SAE Technical Paper Series No. 2000-01-1913, 22 June 2000, XP002257411
	AS	
	AT	

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gmu	AA	6,286,482	9/11/01	Flynn et al.	123	435	
	AB	6,296,757	10/2/01	Wittenbrink et al.	208	15	
	AC	3,886,260	5/27/75	Unland	423	213.5	
	AD	4,080,425	3/21/78	Tanaka et al.	423	235	
	AE	4,107,272	8/15/78	Mori et al.	423	239	
	AF	4,208,386	6/17/80	Arand et al.	423	235	
	AG	4,281,533	8/4/81	Eesley et al.	73	15 R	
	AH	4,313,300	2/2/82	Wilkes et al.	60	39.02	
	AI	4,601,799	7/22/86	Froberger et al.	204	181.8	
	AJ	4,638,777	1/27/87	Fanner et al.	123	277	
gmu	AK	4,717,489	1/5/88	Schieman	252	32.7 E	
	AL	4,731,231	3/15/88	Perry	423	235	
	AM	4,793,306	12/27/88	Swain	123	308	

FOREIGN PATENT DOCUMENTS

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	AO							
	AP							

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<i>all</i>	BA	4,800,068	1/24/89	Perry	422	173	
	BB	4,883,032	11/28/89	Hunter et al.	123	276	
	BC	4,928,481	5/29/90	Joshi et al.	60	737	
	BD	4,960,059	10/2/90	Berkau et al.	110	347	
	BE	5,087,431	2/11/92	Gardner-Chavis et al.	423	239	
	BF	5,102,566	4/7/92	Fetterman, Jr. et al.	252	32.7 E	
	BG	5,141,657	8/25/92	Fetterman, Jr. et al.	252	32.7 E	
	BH	5,171,462	12/15/92	DeRosa et al.	252	47	
	BI	5,171,558	12/15/92	Gardner-Chavis et al.	423	365	
	BJ	5,199,255	4/6/93	Sun et al.	60	39.02	
	BK	5,189,876	3/2/93	Hirota et al.	60	286	
	BL	5,224,346	7/6/93	Berriman et al.	60	274	
<i>Em</i>	BM	5,233,934	8/10/93	Krigmont et al.	110	345	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	BO							
	BP							

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	BR	
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	APPLICANT R. E. Paggi et al.	
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REFERENCE DESIGNATION	U.S. PATENT DOCUMENTS						
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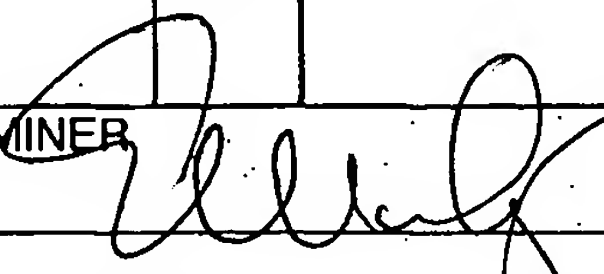
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
Glu	CA	5,234,670	8/10/93	Gardner-Chavis et al.	423	235	
	CB	5,264,195	11/23/93	Turchan	4232	235	
	CC	5,266,083	11/30/93	Peter-Hoblyn et al.	44	358	
	CD	5,800,782	9/1/98	Hagstrom et al.	422	75	
	CE	6,038,854	3/21/00	Penetrante et al.	60	297	
	CF	6,174,842	1/16/01	Gatto et al.	508	364	
	CG	5,290,325	3/1/94	Kanne et al.	44	400	
	CH	6,074,973	6/13/00	Lambert et al.	502	60	
	CI	6,016,653	1/25/00	Glassey et al.	60	274	
	CJ	5,292,351	3/8/94	DeRosa et al.	44	417	
Glu	CK	5,320,765	6/14/94	Fetterman et al.	252	32.7 E	
	CL	6,165,934	12/26/00	Gardner et al.	502	330	
	CM	6,004,910	12/21/99	Bloch et al.	508	294	

FOREIGN PATENT DOCUMENTS							
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		Document No.	Date	Country	Class	Subclass	Translation Yes No	
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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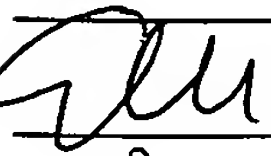
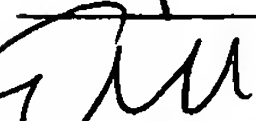
(Use several sheets if necessary)

APPLICANT
R. E. Paggi et al.

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
	DA	6,159,911	12/12/00	Katafuchi	508	391	
	DB	5,330,732	7/19/94	Ishibashi et al.	423	213.2	
	DC	5,924,280	7/20/99	Tarabulski	60	274	
	DD	6,161,378	12/19/00	Hanaoka et al.	60	286	
	DE	6,001,152	12/14/99	Sinha	95	58	
	DF	5,980,844	11/9/99	Kharas	423	213.2	
	DG	5,922,295	7/13/99	Chattha et al.	423	213.7	
	DH	5,830,421	11/3/98	Gardner et al.	423	213.2	
	DI	6,056,793	5/2/00	Suppes	44	446	
	DJ	5,960,777	10/5/99	Nemser et al.	123	585	
	DK	6,003,303	12/21/99	Peter-Hoblyn et al.	60	274	
	DL	5,879,645	3/9/99	Park et al.	423	213.2	
	DM	5,787,708	8/4/98	Lane et al.	60	301	

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		Document No.	Date	Country	Class	Subclass	Translation Yes No	
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	DS	

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<i>Gu</i>	EA	6,093,378	7/25/00	Deeba et al.	423	213.5	
	EB	6,202,407	3/20/01	Brusasco et al.	60	274	
	EC	5,364,606	11/15/94	Hung	423	239.2	
	ED	5,491,256	2/13/96	Derosa et al.	560	132	
	EE	5,472,339	12/5/95	Rakowski et al.	431	171	
	EF	5,422,085	6/6/95	Bell et al.	423	213.5	
	EG	5,453,004	9/26/95	Hofbauer	431	9	
	EH	5,435,283	7/25/95	Zehr	123	306	
	EI	5,426,936	6/27/95	Levendis et al.	60	278	
	EJ	5,522,218	6/4/96	Lane et al.	60	274	
	EK	5,707,596	1/13/98	Lewandowski et al.	423	235	
	EL	5,609,026	3/11/97	Berriman et al.	60	286	
<i>Gu</i>	EM	5,555,853	9/17/96	Bowen et al.	123	2	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	EO							
	EP							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	ER	
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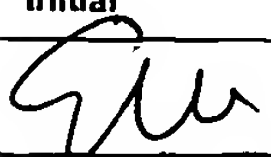
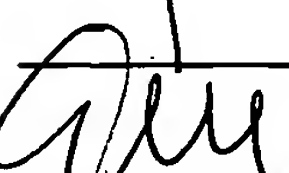
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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
	FA	5,661,272	8/26/97	Iannetti	181	256	
	FB	5,523,007	6/4/96	Kristen et al.	252	32.7 E	
	FC	5,746,144	5/5/98	Breen et al.	110	345	
	FD	5,868,112	2/9/99	Mahakul et al.	123	263	
	FE	5,791,139	8/11/98	Atago et al.	60	274	
	FF	5,783,160	7/21/98	Kinugasa et al.	423	237	
	FG	5,766,562	6/16/98	Chattha et al.	423	213.5	
	FH	5,719,107	2/17/98	Oутten et al.	508	185	
	FI	6,274,029	8/14/01	Wittenbrink et al.	208	15	
	FJ	6,276,334	8/21/01	Flynn et al.	123	435	
	FK	6,248,684	6/19/01	Yavuz et al.	502	66	
	FL	6,230,683	5/15/01	zur Loye et al.	123	435	
	FM	6,227,221	5/8/01	Schmitz	137	1	

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	FL							
	FM							

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<i>SPH</i>	GA	6,213,105	4/10/01	Banzhaf et al.	123	568.12	
<i>SPH</i>	GB	6,206,949	3/27/01	Kobayashi et al.	75	460	
<i>SPH</i>	GC	5,238,589	8/24/93	Pratt et al.	252	51.5 A	
	GD						
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